Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114657.D
Acq On : 30 May 2019 13:34
Operator : HP/JU
Sample : PB118819BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB118819BS

Manual Integrations APPROVED
mohammad
6/3/2019 8:47:05 AM

Quant Time: May 30 14:49:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 14:17:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	498435	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	1983387	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	969105	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	1768932	20.00	ng		0.00
76) Chrysene-d12	13.82	240	1086179	20.00	ng		0.00
87) Perylene-d12	15.21	264	1171165	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	2890397	101.81	ng		0.03
7) Phenol-d6	6.34	99	3560706	104.08	ng		0.01
23) Nitrobenzene-d5	7.26	82	2539150	79.87	ng		0.00
42) 2,4,6-Tribromophenol	10.51	330	976215	105.72	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	4263251	73.09	ng		0.00
79) Terphenyl-d14	12.78	244	4238879	73.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	467464	34.313	ng		98
3) Pyridine	3.17	79	1291835	32.582	ng		98
4) n-Nitrosodimethylamine	3.12	42	533712	33.264	ng		96
6) Aniline	6.36	93	1167347	22.590	ng		95
8) 2-Chlorophenol	6.48	128	1180209	35.998	ng		96
9) Benzaldehyde	6.23	77	367463	18.826	ng		99
10) Phenol	6.35	94	1378372	33.353	ng		94
11) bis(2-Chloroethyl)ether	6.44	93	1106831	35.014	ng		96
12) 1,3-Dichlorobenzene	6.63	146	1269314	33.982	ng		96
13) 1,4-Dichlorobenzene	6.71	146	1270964	33.917	ng		98
14) 1,2-Dichlorobenzene	6.87	146	1174402	34.424	ng		100
15) Benzyl Alcohol	6.84	79	957271	35.573	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1626887	33.555	ng		99
17) 2-Methylphenol	6.96	107	999001	36.026	ng		99
18) Hexachloroethane	7.21	117	481948	33.969	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	808349	34.232	ng		99
20) 3+4-Methylphenols	7.11	107	1111772	34.089	ng	#	87
22) Acetophenone	7.10	105	1568257	37.110	ng		97
24) Nitrobenzene	7.27	77	1206228	35.719	ng		98
25) Isophorone	7.52	82	2253517	35.322	ng		100
26) 2-Nitrophenol	7.59	139	633344	38.529	ng		99
27) 2,4-Dimethylphenol	7.64	122	1101630	40.296	ng		97
28) bis(2-Chloroethoxy)methane	7.73	93	1418089	34.917	ng		99
29) 2,4-Dichlorophenol	7.83	162	1023175	36.770	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	1132288	35.716	ng		100
31) Naphthalene	8.00	128	3253628	35.614	ng		99
32) Benzoic acid	7.77	122	764500	43.054	ng		98
33) 4-Chloroaniline	8.05	127	790352	18.158	ng		98
34) Hexachlorobutadiene	8.13	225	615759	34.963	ng		99
35) Caprolactam	8.42	113	310795m	33.096	ng		
36) 4-Chloro-3-methylphenol	8.53	107	1023675	36.683	ng		96
37) 2-Methylnaphthalene	8.69	142	2263694	37.293	ng		98
38) 1-Methylnaphthalene	8.79	142	2159130	37.543	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	929696	36.024	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	1081220	63.398	ng	98
43) 2,4,6-Trichlorophenol	8.96	196	748575	36.863	ng	99
44) 2,4,5-Trichlorophenol	9.00	196	736327	36.337	ng	99
46) 1,1'-Biphenyl	9.15	154	2580550	35.872	ng	100
47) 2-Chloronaphthalene	9.17	162	2106878	35.704	ng	100
48) 2-Nitroaniline	9.26	65	613282	33.678	ng	99
49) Acenaphthylene	9.59	152	3150001	34.553	ng	98
50) Dimethylphthalate	9.46	163	2331679	34.529	ng	100
51) 2,6-Dinitrotoluene	9.51	165	565218	36.021	ng	98
52) Acenaphthene	9.76	154	2170590	38.824	ng	99
53) 3-Nitroaniline	9.67	138	407034	21.195	ng	97
54) 2,4-Dinitrophenol	9.78	184	506577	81.847	ng	97
55) Dibenzofuran	9.93	168	2779182	34.922	ng	98
56) 4-Nitrophenol	9.84	139	980774	68.916	ng	95
57) 2,4-Dinitrotoluene	9.91	165	747526	37.120	ng	92
58) Fluorene	10.27	166	1906174	35.474	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	617776	37.245	ng	100
60) Diethylphthalate	10.16	149	2345115	34.002	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	952180	35.417	ng	99
62) 4-Nitroaniline	10.29	138	579546	30.969	ng	98
63) Azobenzene	10.42	77	2174032	34.333	ng	99
65) 4,6-Dinitro-2-methylphenol	10.32	198	307631	39.220	ng	81
66) n-Nitrosodiphenylamine	10.38	169	1923472	36.803	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	680497	35.873	ng	99
68) Hexachlorobenzene	10.82	284	729112	35.486	ng	98
69) Atrazine	10.91	200	589840	35.820	ng	99
70) Pentachlorophenol	11.00	266	826499	69.783	ng	98
71) Phenanthrene	11.22	178	2988434	33.118	ng	99
72) Anthracene	11.27	178	3069309	33.608	ng	98
73) Carbazole	11.42	167	2765170	34.451	ng	100
74) Di-n-butylphthalate	11.77	149	3298652	33.825	ng	99
75) Fluoranthene	12.40	202	3071625	32.874	ng	99
77) Benzidine	12.52	184	1119228	25.024	ng	99
78) Pyrene	12.63	202	3093844	33.672	ng	99
80) Butylbenzylphthalate	13.26	149	1526281	33.053	ng	100
81) Benzo(a)anthracene	13.81	228	2776689	33.266	ng	99
82) 3,3'-Dichlorobenzidine	13.77	252	885992	27.486	ng	100
83) Chrysene	13.84	228	2695563	33.801	ng	100
84) Bis(2-ethylhexyl)phthalate	13.82	149	1852704	32.454	ng	100
85) Di-n-octyl phthalate	14.43	149	3297807	33.248	ng	99
86) Indeno(1,2,3-cd)pyrene	16.53	276	2747354	34.397	ng	99
88) Benzo(b)fluoranthene	14.82	252	3088665	41.872	ng	99
89) Benzo(k)fluoranthene	14.85	252	2380798	37.134	ng	99
90) Benzo(a)pyrene	15.16	252	2653405	40.947	ng	98
91) Dibenzo(a,h)anthracene	16.55	278	2269430	39.632	ng	99
92) Benzo(g,h,i)perylene	16.93	276	2238988	40.286	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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